

BALA SARAVANAN K

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PROFESSIONAL SUMMARY

Second-year B.Tech student in Artificial Intelligence and Data Science, passionate about building scalable software and exploring real-world AI and machine learning applications. Experienced in web development using React and TypeScript, with hands-on exposure to Python-based AI projects and automation using UiPath Studio. Actively learning data structures, algorithms, and system design while contributing to real-world projects and internships.

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, Java, C, C++, HTML, CSS

Web Technologies: React.js, Bootstrap, TailWind CSS, Firebase, Streamlit

ML & Data: TensorFlow, Keras, scikit-learn, Pandas, NumPy

Tools: Git, VS Code, Jupyter, UI Path Studio, Figma

EXPERIENCE

Web Development Intern

Jan 2025 – May 2025

MotionCut

Remote

- Contributed to 5+ web development projects using HTML, CSS, JavaScript, and React with responsive UI design
- Resolved 10+ bugs and performance issues, improving application stability and code quality

Machine Learning Intern

Nov 2024 – Dec 2024

Coincent & Fox Trading Solutions

Remote

- Developed and evaluated 5 machine learning models using Python, Pandas, and NumPy
- Performed data preprocessing and feature engineering to enhance model accuracy

AI Intern

Dec 2024 – Jan 2025

Edunet (Microsoft – AICTE – SAP)

Remote

- Selected for a competitive 4-week AI internship under the Microsoft–SAP–AICTE partnership
- Built AI project prototypes using Python and TensorFlow to address real-world problems

Freelance Designer & Developer

2021 – Present

Self-Employed

Remote

- Delivered 80+ design assets and web solutions for 65+ clients with a 95% satisfaction rate
- Worked on UI/UX design, branding, and full-stack web development projects

PROJECTS

ExamTrack Pro | HTML, CSS, JavaScript, React | GitHub

- Built a responsive exam management web application using modern frontend technologies
- Improved usability through clean UI design and structured exam tracking features

Montra | React (TypeScript), Tailwind CSS | GitHub

- Built a personal budgeting and expense tracking application to manage finances efficiently
- Developed an interactive Streamlit dashboard for real-time expense visualization and insights

PixelPlay | HTML, CSS, JavaScript | GitHub

- Created a dynamic and engaging pixel art web application with interactive design features
- Implemented responsive UI using HTML, CSS, and JavaScript for smooth user interaction

EDUCATION

Saveetha Engineering College

Sep 2024 – May 2028

B.Tech in Artificial Intelligence & Data Science, GPA: 8.74

Chennai, India

CERTIFICATIONS & ACHIEVEMENTS

- Java for Beginners – Coursera (IBM)
- Interactivity with JavaScript - Coursera(University of Michigan)
- AI Agents Intensive Course with Google (Kaggle)
- Git – Skill Up (GeeksforGeeks)